Fostering Course Redesign Across the Institution and the State

Southeast Missouri State University
Presenters

• Dave Starrett
  – Dean of Academic Information Services

• Allen Gathman
  – Associate Dean for Online Learning

• Sophia Scott
  – Interim Dean of University Studies

• Tammy Randolph
  – Interim Dean, College of Education

• Missy Nieveen-Phegley
  – Assistant Professor of English

• Willie Redmond
  – Assoc. to the Provost for Collaborative Programs
Pressures

- Higher education funding cuts
- Shifts in demographics
- Providing access to higher education
- Changing state of higher education
- New technologies
- Student expectations
Overview

• History of Course Redesign at Southeast

• Current initiatives
  – Campus level Course Redesign
  – State-wide Course Redesign
  – State-wide Blended Learning
  – State-wide Collaborative Programs
Outline

• Support and process
• Campus Course Redesign project
• Statewide Course Redesign project
• Statewide AASCU-UCF-NGLC Blended Learning project
• Statewide collaborations
Support and Process

• Allen Gathman
  – Associate Dean for Online Learning
Multiple Initiatives

- Other MO schools
  - Missouri CR
    - AASCU
    - NCAT
    - Collaboration Courses
  - Southeast Campus
    - AQIP-CR
    - SOTL
    - ITC
    - FFR
- Contribute proposals

Experiences Success
Timeline

- Summer 2010 – “course redesign” task force – started as cost-saving measure
- Fall 2010 – AQIP Action Project initiated at SE
- Spring 2011 – Statewide NCAT CR Project initiated
- Spring 2011 – Statewide Collaborations initiated
Support

• Fall 2010 – 2-day state Mini-Conference
• Campus-wide CR meeting Feb. 2011
• SOTL model – 3 cohorts with workshops
• Funding
• State support – NCAT workshops and collaborations
## Cohort Model

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Fall 2010</th>
<th>Sp 2011</th>
<th>Fall 2011</th>
<th>Sp 2012</th>
<th>Fall 2012</th>
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<tr>
<td>Cohort 1</td>
<td>Structural planning</td>
<td>Instructional, assessment planning</td>
<td>Pilot 1</td>
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<td>Full Implem. 2</td>
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<td>Structural planning</td>
<td>Instructional, assessment planning</td>
<td>Pilot 1</td>
<td></td>
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</table>
Funding

- Funding For Results (FFR) priority to CR: $125,000
- Information Technology Committee – priority to CR: $150,000
- Release time: 2 ¼-time per course
- State funding for NCAT
- Gates Foundation NGLC grant for English Composition
Redesigning a Freshman Seminar

• Sophia Scott
  – Interim Dean of University Studies
Goals for Redesign of First Year Seminar

• Increase student learning
• Assure consistency in the course
• Use technology more effectively to enhance teaching & learning
• Update curriculum to reflect life skills
Pilots

- Large classrooms (2)
- Residential (1)
- Non-traditional (1)
Replacement Model

Blended course where 1 F2F class meeting per week is replaced with online modules

<table>
<thead>
<tr>
<th>Monday</th>
<th>Wednesday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>Large Lecture</td>
<td>Online modules</td>
<td>Small groups with peer leaders</td>
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</tbody>
</table>
Online Modules
Updated Curriculum

Add two life skills objectives:

1. To develop student skills necessary for successful participation in our university community

2. To develop lifelong skills in managing resources, maintaining a healthy lifestyle and meeting the responsibilities of citizenship
Next Steps

• Continue with replacement model
• Class size of 30
• Target additional populations
• Communicate success & next steps
Statewide Redesign of College Algebra

• Tammy Randolph
  – Interim Dean, College of Education
NCAT Redesign Project
College Algebra

• Joint effort:
  – Gov. Jay Nixon
  – All 13 public four-year institutions
  – The National Center for Academic Transformation
  – Gates Foundation
NCAT Redesign Project
College Algebra

• Goals:
  – Improve student learning outcomes
  – Reduce instructional costs
NCAT Redesign Project
College Algebra

• Key Components
  – Course Choice: College Algebra
  – Redesign Model: Emporium
  – Assessment Plan: Common Final
NCAT Redesign Project
College Algebra

• Key Components
  – Cost Savings Plan: Increase class size, use UTAs and GAs
  – Learning Materials: MyMathLab
NCAT Redesign Project
College Algebra

• Key Components
  – Active Learning
  Computer Lab
NCAT Redesign Project
College Algebra

• Key Components
  – Collective Commitment
    • Faculty Experts
    • Technology Professionals
    • Assessment Experts
    • Administrators

• Website for more information
  http://www.thenccat.org/States/MO.html
Statewide Redesign of English Composition

• Missy Nieveen-Phegley
  – Assistant Professor of English
Course Redesign Across Institutions

Missouri Consortium - Next Generation Learning Challenges Grant - First-Year Composition
Missouri Consortium

- Southeast Missouri State University
- University of Missouri St. Louis
- Missouri State University
- Missouri Southern State University
- University of Missouri Kansas City
- Harris Stowe State University
- Lincoln University
Purpose of the Next Generation Learning Challenges Grant

• Expand blended learning through tools and campus programs
• Target low income populations with first generation college students
• Additional Purpose for Missouri Consortium
  – Participants will teach the First-Year Composition course from a common set of materials.
Keys to Facilitating Communication

- Ensure that participants have a voice in the design and structure of the project
- Provide opportunity for ongoing communication, both synchronous and asynchronous
  - Conference for grant participants
  - Webinars
  - Email Communication
Keys to Facilitate Access to Common Content

- Find a commonly agreed upon space to access shared materials
  - My Dropbox
Keys to Faculty Buy-in

• Design an approach to course redesign that is minimally obtrusive and most voluntary
• Encourage collaboration
• Listen and respond to various perspectives and individual challenges
• Enable frequent communication from leaders and among members
Unintended Outcomes

• Exposure to new technologies
• Additional opportunities for professional development
• Ongoing conversations about content and pedagogy
Statewide Collaborations

• Willie Redmond
  – Assoc. to the Provost for Collaborative Programs
Missouri Alliance for Collaborative Education (MACE)

http://cstl.semo.edu/mace/
Overall goals

Deliver academic programming collaboratively to:

• Increase the quality of academic offerings,
• Increase the availability of academic options,
• Maintain cost efficiencies, and
• Comply with governmental and accreditation requirements.
Features

• Shared faculty expertise across the state
• 10 Missouri public 4-year Universities (so far...)
• Courses originate at one institution and shared with partnering institutions
• Comprehensive, growing program

MACE – Collaborative Courses
Key collaboration attributes:

- Expert **faculty** send courses to partnering institutions
- Students pay **tuition** at home institution
- Students **register** at home institution
- Students receive **credit** at home institution
Key collaboration attributes:

- Easy access to **sending university instructional technology**
- **Grades** are recorded by faculty at home institutions
- **Faculty committees** determine academic details…
Faculty committees

... academic details

- Scheduling
- Syllabi
- Textbooks
- Course Delivery (online, webinar, ITV, etc.)
- LMS access
- Academic Calendar issues
<table>
<thead>
<tr>
<th>Courses</th>
<th>Teaching institution</th>
<th>Partners</th>
<th>Enrolled by Inst.</th>
<th>Total Enrolled</th>
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<tr>
<td>TOTALS</td>
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<td>1 course</td>
<td>1 university offering course</td>
<td>3 partnering universities</td>
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## Missouri Alliance for Collaborative Education (MACE) – Fall 2011 Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Teaching institution</th>
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</table>
| International economics  | Southeast Missouri State University         | 1. University of Central Missouri 6  
2. Northwest Missouri State University 10  
3. Southeast Missouri State University 15 | 31                |                |
| Labor Economics          | Northwest Missouri State University         | 1. University of Central Missouri 16  
2. Northwest Missouri State University 46  
3. Southeast Missouri State University 15 | 77                |                |
| Sports Economics         | University of Central Missouri              | 1. University of Central Missouri 6  
2. Northwest Missouri State University 2  
3. Southeast Missouri State University 10 | 18                |                |
| **Foreign languages**    |                                             |                                                                                                                                                                                                        |                   |                |
| German – Special Topics:| University of Central Missouri              | 1. University of Central Missouri 10  
2. Missouri State University 10  
3. Southeast Missouri State University 10 | 30                |                |
| Media                   |                                             |                                                                                                                                                                                                        |                   |                |
| Intermediate French     | Missouri Western State University           | 1. University of Central Missouri 10  
2. Missouri State University 11  
3. Missouri Western State University 4  
4. Southeast Missouri State University 4 | 29                |                |
| Composition             |                                             |                                                                                                                                                                                                        |                   |                |
| Methods for Foreign Language Teachers | University of Central Missouri | 1. University of Central Missouri 4  
2. Missouri Western State University 4 | 8                 |                |
| **Physics**              |                                             |                                                                                                                                                                                                        |                   |                |
| Nanostructures          | Missouri University of Science and Technology | 1. Missouri University of Science & Tech. 11  
2. Southeast Missouri State University 4  
3. Missouri State University 3  
4. University of Missouri 11  
5. Truman State University 2  
6. University of Missouri at St. Louis 8 | 39                |                |
| **TOTALS**               |                                             |                                                                                                                                                                                                        |                   | 232            |
| 7 courses               | 5 universities offering courses            | 8 partnering universities                                                                                                                                                                              |                   |                |
### Missouri Alliance for Collaborative Education (MACE) — Spring 2012 Courses

<table>
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<th>Courses</th>
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<td>3. University of Missouri at St. Louis</td>
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</table>

**TOTALS**

- 8 courses
- 5 universities offering courses
- 7 partnering universities
- 187
Future steps

• Increase the number of disciplines
• Complete websites for all disciplines
• Explore the development of collaborative degrees
Thank You

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